

Claims

- 1 Process for the production of a composition for screening solar radiation which comprises a transparent polymer incorporating an interference pigment comprising a platelet shaped material, which process comprises the steps of incorporating the interference pigment into the polymer, and then stretching the resultant polymer in at
5 least one direction to at least twice its original length in that direction.
- 2 Process according to claim 1, wherein following stretching the polymer is converted into a woven net of tapes or monofilaments.
- 3 Composition for screening solar radiation, which comprises
a transparent polymer having incorporated therein a interference pigment comprising a
10 platelet shaped material,
wherein the polymer has been stretched in at least one direction to at least twice its original length in that direction after incorporation of the pigment coating.
- 4 Process or composition according to any preceding claim, wherein the degree of stretching of the polymer is at least 4 times its original length, preferably from 6 to 10
15 times.
- 5 Composition for screening solar radiation, which comprises
a transparent polymer having incorporated therein a interference pigment comprising a platelet shaped material,
wherein the polymer has a thickness of less than 50 μ m.
- 20 6 Composition according to any one of claims 3 to 5, wherein the polymer is in the form of a woven net of tapes or monofilaments.
- 7 Process or composition according to any preceding claim, wherein the green

interference pigment comprises a layered silicate, synthetic mica, glass platelets, ceramic platelets or silica platelets.

8 Process or composition according to claim 7, wherein the layered silicate is mica, pyrophyllite, sericite, talc or kaolin.

5 9 Process or composition according to any preceding claim, wherein after stretching the polymer has a thickness of less than 30 μ m.

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